

Work Order ID 75586 - 2

\*75586\*

Page 1

Wednesday, October 26, 2011 8:20:44 AM

Item ID: D4026-1 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Fuel Gauge  
 Start Date: 10/26/2011 Start Qty: 4.00 *SPUT* \*4\* Cust Item ID:  
 Required Date: 10/28/2011 Req'd Qty: 4.00 *3* \*4\* Customer:  
 Reference:

Approvals: Process Plan: *CL* Date: *11/10/26* Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4026	A								

100

0.00

\*100\*

Purchasing

Purchasing

Memo

Issue P/O: *15270*

Purchase part as per Dwg D4026

Part #: FL-100-R

Possible Supplier: AIRCRAFT SPRUCE

Material release note required

0.00

*CL 11/10/27 4*

110

Receive & Inspect for Damage & Mat'l Certs

0.00

\*110\*

Packaging

Packaging

Memo

0.00

*11/11/28 ③*

# Work Order ID 75586

**\*75586\***

Page 2

Wednesday, October 26, 2011 8:20:44 AM

Item ID: D4026-1 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Fuel Gauge  
 Start Date: 10/26/2011 Start Qty: 4.00 **\*4\*** Cust Item ID:  
 Required Date: 10/28/2011 Req'd Qty: 4.00 **\*4\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 <b>*120*</b> QC Quality Control	QC6- Inspect dimensions to drawing  Memo	0.00 0.00	ALS 004965 ALS 004966 ALS 004964	3 8 u1u109					
130 <b>*130*</b> Packaging Packaging	Identify as per dwg & Stock Location: <u>111</u>  Memo	0.00 0.00							11/11/09 <u>SP</u> 30
140 <b>*140*</b> QC Quality Control	QC21- Final Inspection - Work Order Release  Memo	0.00 0.00							11/11/09 <u>MF</u> 11-11-09

# Picklist Print

Wednesday, October 26, 2011 8:20:50 AM

Page 1

Work Order ID: 75586

\*75586\*

Parent Item: D4026-1

\*D4026-1\*

Parent Item Name: Fuel Gauge

Start Date: 10/26/2011

Required Date: 10/28/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

FL-100-R		Purchased	No			110	Each	4.0000	1	4			
----------	--	-----------	----	--	--	-----	------	--------	---	---	--	--	--

\*FI-100-R\*

\*\*

*10/11/14 28 (3)*

Fuel Gauge

Location

Loc Qty

Loc Code

ST

4

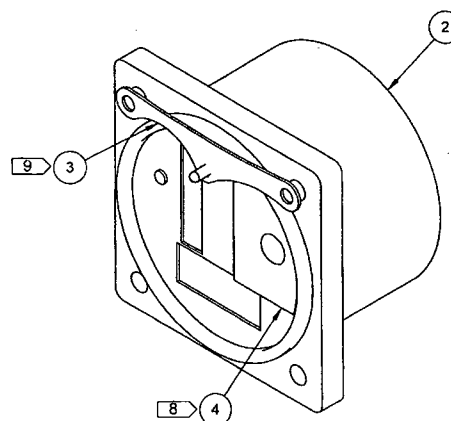
69881

1

71187

3

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4026-041	FUEL GAUGE ASSEMBLY	FL-100-R-JCA (REF)
2	1	D4026-1	FUEL GAUGE	
3	1	D4014-1	SWITCH PLATE	
4	1	D4014-3	GAUGE COVER	
5	A/R		DOUBLE SIDED TAPE	



C21110126  
W10: 75586

RELEASED  
2010-05-05  
ND

# D4026-041 FUEL GAUGE ASSEMBLY

## NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4026-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.24 lbs
- 8) ATTACH D4014-3 GAUGE COVER USING DOUBLE SIDED TAPE
- 9) D4014-1 SWITCH COVER INCLUDED WITH ASSEMBLY, INSTALLED DURING GAUGE INSTALLATION IN AIRCRAFT

A	NEW ISSUE		10.02.05
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.02.05		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4026	REV. A SHEET 1 OF 2
TITLE FUEL GAUGE	SCALE NTS
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

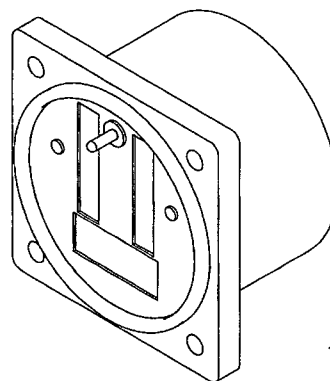
DART AEROSPACE  
PART NUMBER

D4026-1

JOHN CAMERON AVIATION  
PART NUMBER

FL-100-R-JCA

## SPECIFICATION CONTROL DRAWING



DART PART NUMBER	MANUFACTURER	MANUFACTURER PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	OPERATING TEMPERATURE	POWER CONSUMPTION	SENSORS SUPPORTED	OPERATING VOLTAGE
D4026-1	AEROSPACE LOGIC INC.	FL-100-R	AIRCRAFT SPRUCE AND SPECIALTY	10-00304	-15°C TO +55°C 5°F TO 131°F	450 mA MAX (DAY OPERATION) 60mA MIN (NIGHT OPERATION)	RESISTIVE SENSORS OF ALL TYPES R <sub>MAX</sub> = 300 OHMS R <sub>MIN</sub> = 0 OHMS	6 - 32 VDC

D4026-1 FUEL GAUGE

**RELEASED**  
2010-05-05  
MP

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. <b>D4026</b>	REV. A
MFG. APPR.			SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		<b>FUEL GAUGE</b>	NTS
DATE	10.02.05	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO15270

Purchase Order Date 10/27/11

PO Print Date 10/27/11

Page Number 1 of 1

Order From :  
ROYAL BANK VISA  
X  
X, X

VC-ROY003

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

Buyer  
Requisition Nbr  
Tax Resale Nbr  
Terms  
Currency  
FOB  
Chantal Lavoie  
10127-2607  
COD  
CAD  
Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

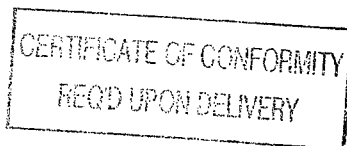
*CL 11/10/27*

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	FL-100-R	Fuel Gauge	11/01/11 Yes	4.00 Each	FedEx PI collect	\$496.9500	\$1,987.80

*Rec 3*  
*11/11/10/27*

Special Inst: AS PER DWG D4026 REV. A  
B75586  
PART # FL-100-R

PO Total: \$1,987.80



PO Instructions: AIRCRAFT SPRUCE  
VISA ACCT: 4516 0500 0053 0448 EXP DATE: 05/14 CID: 327

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 10/27/11

# AIRCRAFT SPRUCE & SPECIALTY CO.

P.O. BOX 4000 • 225 AIRPORT CIRCLE, CORONA, CA 92878-4000  
 AIRCRAFT SPRUCE WEST: CORONA, CA • AIRCRAFT SPRUCE EAST: PEACHTREE CITY, GA  
 ADMINISTRATION (951) 372-9555 • FAX (951) 372-0555  
 CALL TOLL FREE (877) 4-SPRUCE (877) 477-7823

WHILE: 10/27/11  
 PLEASE RETURN THIS PORTION  
 WITH YOUR REMITTANCE

P.O. BOX 4000 • CORONA, CA 92878-4000

GST# 887652105

PAGE: 1 874734

CUST: 333088

333088

DART AEROSPACE, LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

AWB: 472941562084

S H DART AEROSPACE, LTD

P 1270 ABERDEEN

T HAWKESBURY, ON K6A1K7

NOTE: ANY SHORTAGES MUST BE REPORTED WITHIN 10 DAYS.

BACKORDERED PRODUCTS WILL SHIP AS SOON AS AVAILABLE.

ORDER NO.	INVOICE NO.	CUSTOMER P.O. NO.	SHIP VIA	TERMS	DATE SHIPPED
656958	874734	PO15270	FEDEX PRIORITY	CREDIT CARD	10/27/11

QUANTITY SHIPPED	BACK ORDERED	DESCRIPTION	DISC	UNIT PRICE	EXTENSION
3.00	1.00	THANK YOU FOR YOUR ORDER. PLEASE CALL ME DIRECTLY AT EXT 225 THE NEXT TIME YOU WISH TO PLACE AN ORDER WITH AIRCRAFT SPRUCE. MARY GARCIA 877-477-7823 10-00304 AEROSPACE FUEL LEVEL FL-100-R		496.950	1490.85
<p>CERTIFICATE OF NON-CONFORMANCE</p> <p>The products on this invoice have been obtained through authorized manufacturers or distributors and to the best of our knowledge fully meet all applicable specifications. There may be products on this invoice which are not approved for use on FAA type certified aircraft. Aircraft Spruce &amp; Specialty is not responsible for determining suitability of any part purchased from Aircraft Spruce &amp; Specialty when used on aircraft certified for experimental use only.</p> <p><i>James J. Smith, President</i></p>					

SUBTOTAL	TAX	MISC. CHARGE	FREIGHT	PAID WITH ORDER	BALANCE DUE
1,490.85	HST193.81	0.00	0.00	-1,684.66	CAD 0.00

**LIVER OF LIABILITY AND INDEMNIFICATION AGREEMENT**-Inasmuch as Aircraft Spruce & Specialty Company has no opportunity to supervise the installation, or maintenance of parts supplied by it, nor opportunity to participate in the design or manufacture of the products it sells or of the various homebuilt and certificated aircraft in which its parts are utilized, the purchaser, by placing this order with Aircraft Spruce & Specialty Company and accepting the parts, agrees that all materials purchased will be used solely at purchaser's risk and that the purchaser will indemnify and hold Aircraft Spruce & Specialty Company, its owners and employees, free and harmless from all loss, liability, and damage resulting from claims brought by reason of any alleged failure or defect of any parts or parts supplied by Aircraft Spruce & Specialty Company. If this agreement is unacceptable to purchaser, the purchaser will immediately return in new condition all products listed on this invoice to Aircraft Spruce & Specialty Company for refund of purchase price.



**AUTHORIZATION TO USE STC #SA03-56 AND/OR STC #ST01700NY**

Aerospace Logic Inc. hereby authorizes the legal owner of instrument serial number

**ASL004964**

the use of either Canadian STC #SA03-56 and/or USA STC #ST01700NY for the installation of this instrument into a certified aircraft.

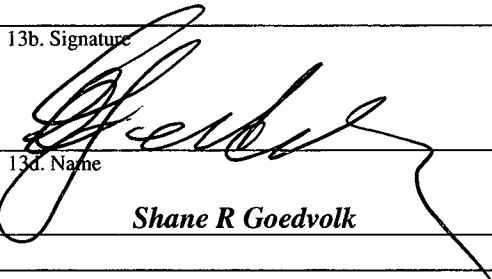
Photocopies or any other reproduction of this authorization are NOT authorization for use of the STC.



**Shane R Goedvolk**  
p/p Aerospace Logic Inc.

PTU Ver. 1.4



1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FORM ONE		3. Form Tracking No. <b>4964</b>	
4. Organization Name and Address <b>Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA</b>				5. Work Order/Contract/Invoice <b>2824</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
<b>1</b>	<b>Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)</b>	<b>FL-100-R</b>	<b>1</b>	<b>ASL004964</b>	<b>NEW</b>
12: Remarks <b>TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY</b>					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approved Organization Number <b>52-03</b>		14b. Signature <b>N/A</b>	
13d. Name <b>Shane R Goedvolk</b>		13e. Date (dd/mm/yyyy) <b>29 July 2011</b>		14c. Approved Organization Number <b>N/A</b>	
14d. Name <b>N/A</b>		14e. Date (dd/mm/yyyy) <b>N/A</b>			
<b>Installer Responsibilities</b>					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

(Previously form 24-0078)



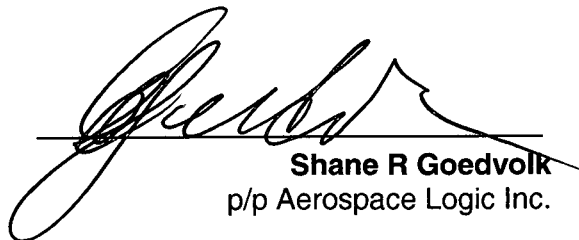
**AUTHORIZATION TO USE STC #SA03-56 AND/OR STC #ST01700NY**

Aerospace Logic Inc. hereby authorizes the legal owner of instrument serial number

***ASL004966***

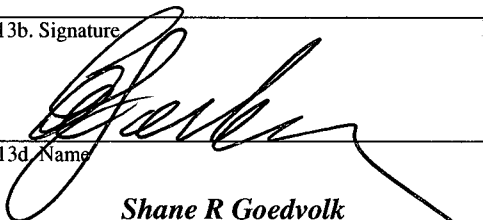
the use of either Canadian STC #SA03-56 and/or USA STC #ST01700NY for the installation of this instrument into a certified aircraft.

Photocopies or any other reproduction of this authorization are NOT authorization for use of the STC.



**Shane R Goedvolk**  
p/p Aerospace Logic Inc.

PTU Ver. 1.4

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FORM ONE		3. Form Tracking No. <b>4966</b>	
4. Organization Name and Address <b>Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA</b>				5. Work Order/Contract/Invoice <b>2824</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
<b>1</b>	<b>Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)</b>	<b>FL-100-R</b>	<b>1</b>	<b>ASL004966</b>	<b>NEW</b>
12: Remarks <b>TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY</b>					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approved Organization Number <b>52-03</b>		14b. Signature <b>N/A</b>	
13d. Name <b>Shane R Goedvolk</b>		13e. Date (dd/mmm/yyyy) <b>29 July 2011</b>		14c. Approved Organization Number <b>N/A</b>	
		14d. Name <b>N/A</b>		14e. Date (dd/mmm/yyyy) <b>N/A</b>	
<b>Installer Responsibilities</b>					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

(Previously form 24-0078)



**AUTHORIZATION TO USE STC #SA03-56 AND/OR STC #ST01700NY**

Aerospace Logic Inc. hereby authorizes the legal owner of instrument serial number

***ASL004965***

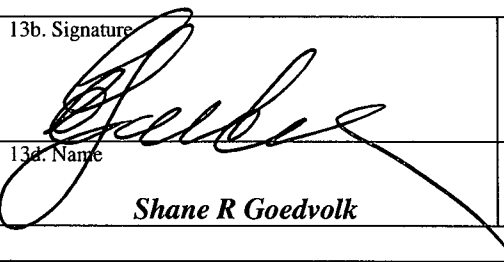
the use of either Canadian STC #SA03-56 and/or USA STC #ST01700NY for the installation of this instrument into a certified aircraft.

Photocopies or any other reproduction of this authorization are NOT authorization for use of the STC.



**Shane R Goedvolk**  
p/p Aerospace Logic Inc.

PTU Ver. 1.4

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FORM ONE		3. Form Tracking No. <b>4965</b>	
4. Organization Name and Address <b>Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA</b>				5. Work Order/Contract/Invoice <b>2824</b>	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
<b>1</b>	<b>Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)</b>	<b>FL-100-R</b>	<b>1</b>	<b>ASL004965</b>	<b>NEW</b>
12: Remarks <b>TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY</b>					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 	13c. Approved Organization Number <b>52-03</b>		14b. Signature <b>N/A</b>	14c. Approved Organization Number <b>N/A</b>	
13d. Name <b>Shane R Goedvolk</b>	13e. Date (dd/mm/yyyy) <b>29 July 2011</b>		14d. Name <b>N/A</b>	14e. Date (dd/mm/yyyy) <b>N/A</b>	
<b>Installer Responsibilities</b>					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

(Previously form 24-0078)